

WHAT IS CLAIMED IS:

1. An orthopedic casting slipper kit for custom molding of a foot impression comprising.

(a) a low-cut resilient fabric impression
5 slipper shaped to extend upwardly on a patient's foot from a plantar surface of the foot to an open end sufficiently low to enable removal of the hardened slipper without cutting, the fabric of the impression slipper being sufficiently resilient to substantially
10 conform to the patient's foot, and a longitudinally resiliently extensible band being provided on the impression slipper proximate the open end, the band being formed to hold the open end of the impression slipper snugly against the patient's dorsum and heel;
15 and

(b) a quantity of curable resin sufficient to harden the impression slipper into a cast foot impression, the resin being provided in one of: a container separate from the impression slipper, and
20 impregnated into the fabric of the impression slipper.

2. The kit as defined in claim 1, and
an arch strap dimensioned to span transversely
25 over the dorsum of the patient's foot and across the open end, and the arch strap being securable to the impression slipper on a medial side and on a lateral side of the impression slipper in the area of the patient's arch, and the arch strap being formed to
30 pull the impression slipper up into contact with the patient's arch.

3. The kit as defined in claim 2 wherein,
the impression slipper extends from the plantar
surface up the dorsum by a distance about one-third
of the distance from the base of the patient's toes;
5 and

the arch strap includes a fastening structure
formed for attachment to the impression slipper.

4. The kit as defined in claim 3 wherein,
10 the arch strap is a substantially non-extensible
material, and the arch strap and the resiliency of
the impression slipper pulls the impression slipper
up against the patient's arch.

15 5. The kit as defined in claim 2 wherein,
the arch strap is provided with a strip of hook-
type fastener material formed to cooperatively engage
the fabric of the impression slipper to be secured
thereto.

20 6. The kit as defined in claim 2 wherein,
the resin is impregnated in the fabric of the
impression slipper and the resin impregnated
impression slipper is stored in a pouch, and
25 a release envelope formed for mounting over the
patient's foot under the impression slipper, and the
release envelope being formed of a material to which
the resin will not adhere upon curing.

30 7. The kit as defined in claim 7 wherein,
the resin is a water curable resin, and the
fabric is a knit fabric.

8. The kit as defined in claim 7, and
a manipulating envelope formed for mounting on
the patient's foot over the impression slipper and
formed of a material to which the resin will not
5 adhere upon curing.

9. The kit as defined in claim 1 wherein,
the impression slipper includes a color-coded
indicia in the fabric indicating the size of the
10 impression slipper.

10. A method of creating a custom molded foot
impression comprising the steps of:

mounting a low-cut resilient impression slipper
15 having a curable resin impregnated therein over a
patient's foot, the impression slipper having an arch
strap attached to one of a medial side and a lateral
side of the impression slipper;

pulling the impression slipper up into contact
20 with the patient's arch;

while the impression slipper is in contact with
the patient's arch, fastening the arch strap to the
other of the medial side and the lateral side of the
impression slipper to maintain the impression slipper
25 in contact with the arch;

manipulating the patient's foot to achieve a
desired orientation; and

hardening the resin in the impression slipper
while the patient's foot is in the desired
30 orientation.

11. The method as defined in claim 10 wherein,
and prior to the pulling step attaching one end
of the arch strap to a medial side of the impression
slipper; and

5 during the pulling step, using the arch strap to
pull the impression slipper into contact with the
arch.

12. The method as defined in claim 11 wherein,
the fastening step is accomplished by hooking a
10 strip of hook fasteners provided on the arch strap to
the lateral side of the impression slipper.

13. The method as defined in claim 10 and the step
of:

15 prior to the mounting step, mounting a release
envelope over the patient's foot.

14. The method as defined in claim 10 and,
after the hardening step, removing the hardened
20 impression slipper from the patient's foot; and
making a foot orthosis using the hardened
impression slipper.

15. The method as defined in claim 14 wherein,
25 the making step is accomplished by placing a
casting material inside the hardened impression
slipper and removing the hardened casting material
from inside the hardened impression slipper by
cutting the hardened impression slipper downwardly in
30 the area of the heel and downwardly from the instep
to proximate the area of the toes and bending the

medial and lateral sides of the hardened slipper
outwardly to release the hardened casting material.